

IN THE SPECIFICATION:

Please replace paragraphs 19-21 with the following paragraphs showing changes:

[0019] Referring initially to FIGURE 1, illustrated is a system level diagram of an embodiment of a QAM digital communications receiver ("receiver") 100 providing an environment for the application of the principles of the present invention. The receiver 100 generally converts received analog ~~digital~~ communication signals into digital samples wherein the digital equivalent of the ~~an analog signal is~~ , demodulated, equalized and decoded ~~form of data~~. The receiver 100 will now be described in more detail.

[0020] The receiver 100 employs an ~~a digital to analog to digital~~ converter 110 for converting a received analog signal to digital data ~~into an analog data~~. The ~~digital to analog to digital~~ converter 110 may be of a conventional type, and therefore will not be described in further detail.

[0021] The receiver 100 employs a demodulator 120 to demodulate the digital equivalent of the analog signal data. The demodulator 120 uses a modulation scheme, such as QAM modulation, to extract necessary units of information from a carrier wave or carrier waves, such as superimposed sinusoidal functions of differing phase shifts. The demodulator 120 generally extracts two demodulated values from the information superimposed upon these two sinusoidal waves and provides the values to an equalizer 130.